PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
A61K 38/11, 38/28, 45/08, C07K 14/00, C07H 21/00, C12N 15/00

A1

(11) International Publication Number: **WO 99/34816**

(43) International Publication Date: 15 July 1999 (15.07.99)

(21) International Application Number: PCT/US99/00324

(22) International Filing Date: 7 January 1999 (07.01.99)

(30) Priority Data:
60/070,752 8 January 1998 (08.01.98) US

(71) Applicant *(for all designated States except US)*: ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: DIMARCHI, Richard, Dennis [US/US]; 10890 Wilmington Drive, Carmel, IN 46033 (US). HARRISON, Roger, Garrick [GB/US]; 80 Spring Drive, Zionsville, IN 46077 (US). WOLFF, Ronald, Keith [US/US]; 12329 Brookshire Parkway, Carmel, IN 46033 (US).

(74) Agents: STEWART, Mark, J. et al.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: METHOD FOR ADMINISTERING MONOMERIC INSULIN ANALOGS

(57) Abstract

The claimed invention relates to a method of administering an insulin analog by inhalation, a method for treating diabetes by administering an insulin analog by inhalation, and a method for treating hyperglycemia by administering an insulin analog by inhalation.

G00002

162162